PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax

(703) 746-4000

503,40576x00

appropriate. All further cor indicated unless corrected t maintenance fee notification	below or directed otherwise	in Block 1, by (a) specifying	a new correspondence as	ddress;	and/or (b) in	dicating a sepa	arate "FEE ADD	RESS" for
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 020457 7590 07/12/2004 ANTONELLI, TERRY, STOUT & KRAUS 1300 NORTH SEVENTEENTH STREET SUITE 1800 ARLINGTON, VA 22209-9889 //14/2004 RFEKADU2 00000079 09943500				Fee(s) Transmit papers. Each ad have its own cer I hereby certify States Postal Se addressed to the	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below. (Depositor's name)				
FC:1501	1370.00 OP	PATENT	& TRADENAR	/					(Signature) (Date)
FC:1504	300.00 DP				-				
APPLICATION NO.	FILING DATE		D INVENTOR		ATTORNEY DOCKET NO.		CONFIRMATION NO.		
09/943,500	08/31/2001		Okamoto		503.40576X00		8164		
nonprovisional			188UE FEE \$1 33 0 1376				EE(S) DUE 630	DATE DUE 10/12/2004	
EXAMINER		ART UNIT		CLASS-SUBCLASS	CLASS-SUBCLASS				
CASTRO, ARNOLD		3747		123-470000					
 Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). □ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. □ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Custome Number is required. 			 For printing on the patent front page, list the names of up to 3 registered patent attorney or agents OR, alternatively, the name of a single firm (having as a member registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name i listed, no name will be printed. 				Antonel 1 & Kra 2 3	li, Terry	, Stou
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON 1	HE PATEN	Γ (print or type)					
PLEASE NOTE: Unless	an assignee is identified be 37 CFR 3.11. Completion	low no assignee	data will ann	ear on the natent. If an	assign	ee is identifie	d below, the c	locument has bee	n filed for
(A) NAME OF ASSIGNI	EE	(B) RESIDENC	CE: (CITY and STATE O	R CO	UNTRY)			
Hitachi, Ltd.			Tokyo, Japan						
Please check the appropriate	assignee category or catego	ries (will not be pr	inted on the r	patent); 🚨 individual	8 0 c	orporation or	other private g	roun entity 🚨 g	overnment
4a. The following fee(s) are			. Payment of			. ,	- Fa. B		

Ox Issue Fee ☑ Publication Fee (No small entity discount permitted)

☐ Advance Order - # of Copies

A check in the amount of the fee(s) is enclosed.

Payment by credit card. Form PTO-2038 is attached.

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

★ b. Applicant is not claiming SMALL ENTITY status. See, e.g., 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Parent and Trademark Office.

(Authorized Signature)

A (Date) Gregory E.

October 12, 2004

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.